

**Suggested Subject Areas and Topics
For
Agenda of the Joint V-CDE / Architecture Workspaces Meeting**

1. Semantic Information Representation

There is consensus that caBIG will benefit from the adoption of XML as a primary exchange format for data and metadata. However, only a limited amount of semantics can be put in XML schema. CaBIG needs a semantic companion that is a representation of class information. Can RDF serve that purpose? Do we need a subgroup to investigate the options?

2. Data Provenance and Versioning

- We will need to address backward-forward compatibility paths for XML schemas, to avoid breakdown over time.
- The need for a 'message broker' mechanism was identified at the last Architecture Meeting. How can we prevent bottlenecks and ensure security in this process ?

3. Common Query Language

At the last Architecture Meeting, the need for a common query language was identified. It was proposed that potential domain use cases should be drafted that would elucidate the necessity of a common query language, and help to define specific requirements and scope of the query language.

Presentation of Use Cases

4. ID Management

Will the LSID (Life Science ID) system meet all the caBIG requirements for immutable data identifiers? Can we achieve inter-resource referential integrity of caBIG data objects? How to implement in caBIG?

5. Data Sharing Issues

Addressing data confidentiality and de-identification issues. IRB process.

6. caGRID Reference Implementations

V-CDE Representation in the RI Teams

7. Requirements for Gold Standard caBIG Compatibility

This meeting is a good opportunity to start building a component diagram to establish 'gold' standard level of caBIG compatibility.

8. Adoption of Domain - Specific External Standards

Review of standards under consideration in the ICR Workspace

9. Plone Website Overview

Orientation to the new caBIG website and all features

10. caBIG Training Update